KSU Run2b Electronics Status: 8 April '02   ras, ts, jdt

Layer 1 Junction Card: some layout problems were fixed. Three quotes have been solicited and two bids received so far. Cost for 10 cards on 10-day turnaround is $1800+350+350= $2.5K for the low bid (same vendor as interface card). Will place order in the next few days. Boards will be stuffed at KSU (three connectors and six capacitors). LV capacitors are in hand. Connectors were part of a large order through U of Kansas: what is the status of this order?

Layer 2-5 Junction card: again, some touchup is needed and will be finished this week. Will then get quotes. We may hold off on purchase, since we're broke, and don't need two types of cards for proof of principle. Bids will take ~1 week, and fab another 10 days presumably.

Adapter Cards: layout nearly done. Some changes on connector were made. Parts have been ordered and are received. The Omnetics connector orders (6 pin for power, 44 pin for twisted pair) have been placed: delivery is quoted for ~1 June (8 week from receipt of order). Card is on target for mid-late June if review and approval proceed on task. Will probably get the stuffing done commercially.

- Review April 22? Saves costly trips to Fermilab.
- 6-channel version still on hold, no decision yet on the need for this
- Money!

Test Card (Purple Card)
Very few comments on schematic, so everyone must be happy. Will propose to put transceivers on bottom of card, due to large keep-clear distance for the jumper cable. This means card must be placed on edge to test. KSU will design and build some test fixtures for this purpose. Target is 1 May release for fabrication,

- Component layout (NOT routing) will available by Monday 8 April
- All parts in common with adapter card have been ordered and received.
- 50-conductor connectors have not yet been ordered
- AVX connector, same status as Junction Card: waiting on KU order
- **MONEY!**